

ABSTRACT

A method for reducing interference between a first frequency-hopping radio communications network and a second frequency-hopping radio communications network, comprising: predicting a possible collision between a transmission at a first frequency in the first frequency-hopping radio communication network and a transmission at the first frequency in the second frequency-hopping radio communication network; and controlling transmission in one of the first frequency-hopping radio communications network and the second frequency-hopping radio communications network to avoid the collision. Also described is a method for controlling the operation of a Master transceiver of a first frequency-hopping radio communications network, comprising: determining the duration for which transmissions at a single frequency can occur in the first frequency-hopping network without a potential collision with transmissions at that frequency in neighboring frequency-hopping networks; and controlling multi-slot communication in the first frequency-hopping radio communications network in dependence upon the determination.

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